

# What's New in the Traffic Control, Marking & Delineation Section?

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**Stuart Bourne, PE**

The New Work Zone BUZZ Word in  
Washington DC is??

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Work Zone Mobility

# Work Zone Mobility

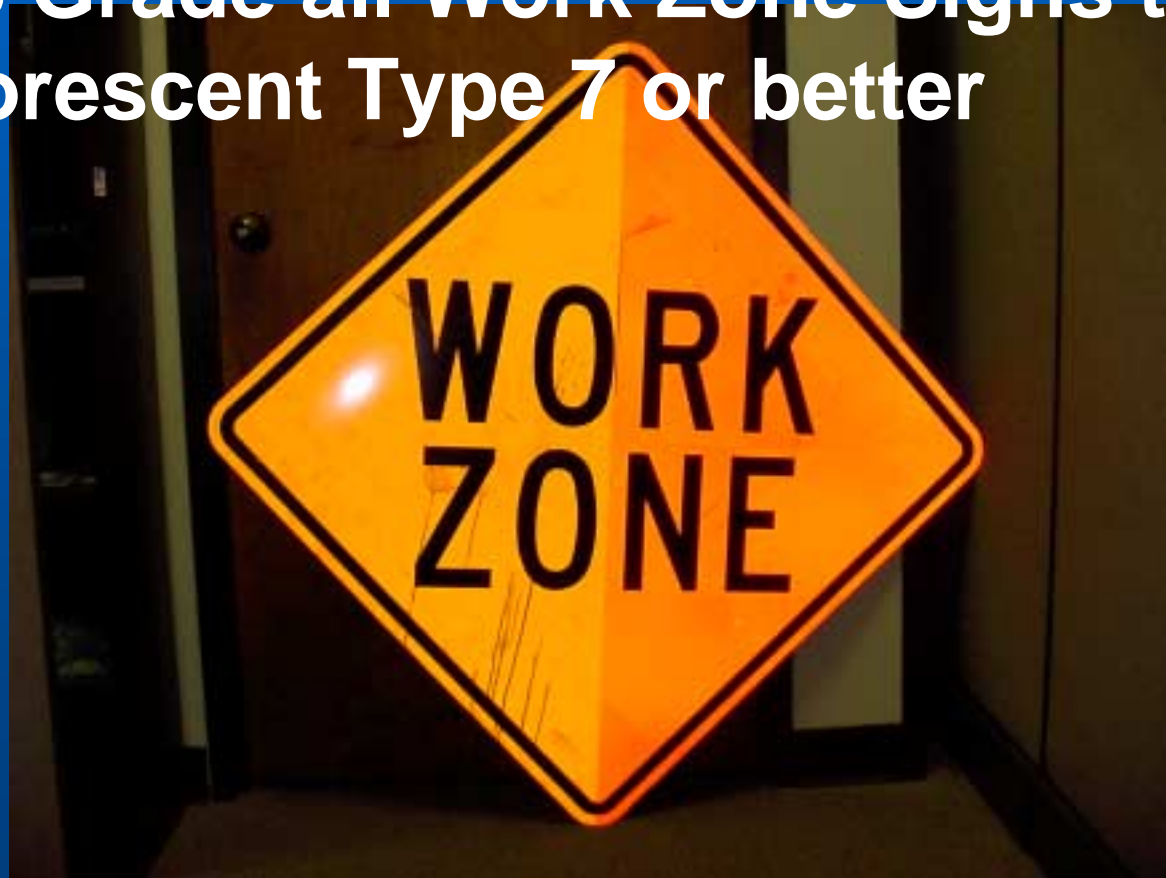
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- Capacity Analysis
- User Delay
- User Cost = User Delay + \$
- Benefit / Cost Analysis
- Design Options
- Innovative Contracting Methods

# Sign Sheeting Changes

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- Up Grade all Work Zone Signs to Florescent Type 7 or better

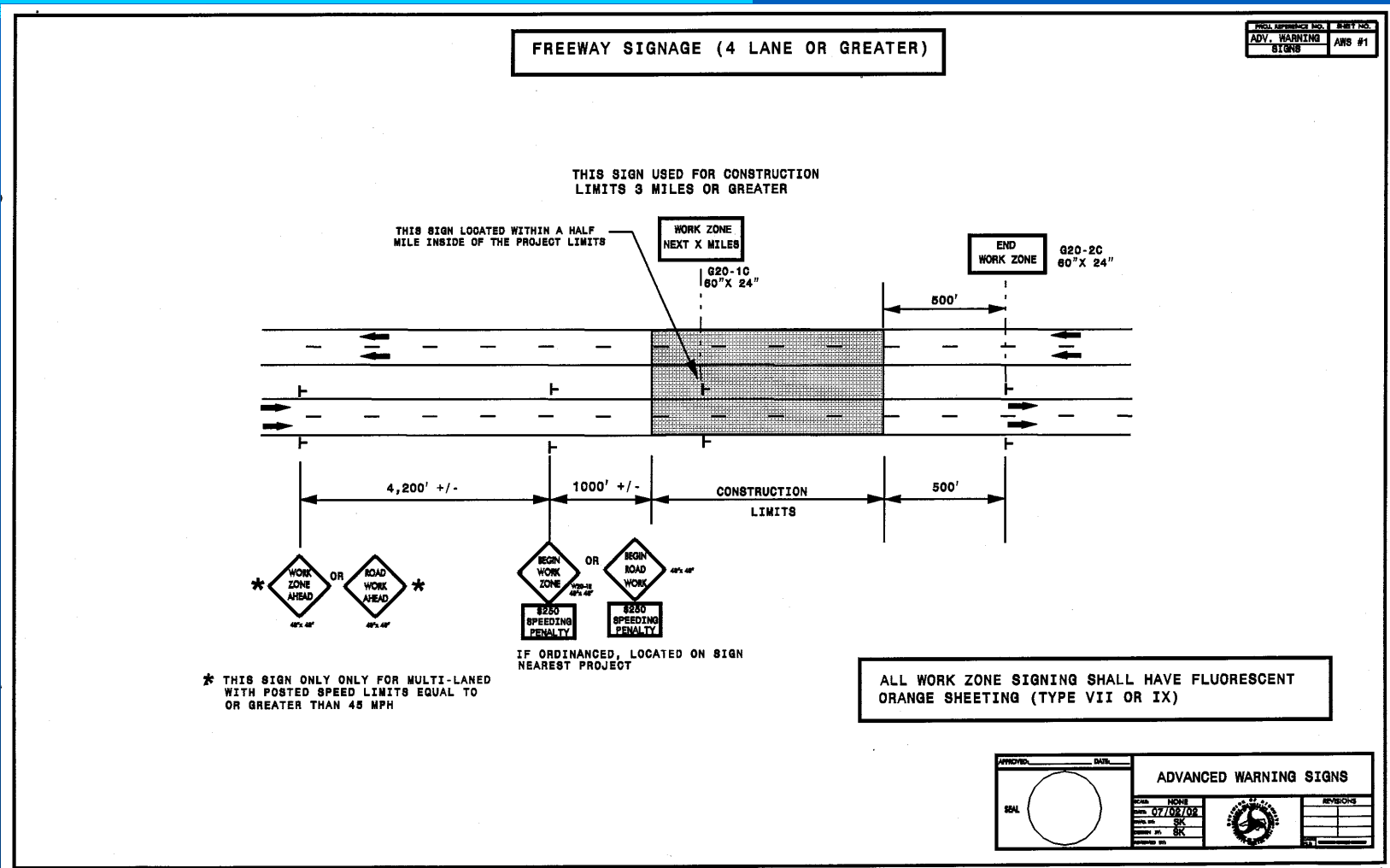


# Simplify Advance Warning Signs

- Get rid of the old “Tower Signs”



# Typical Advance Warning Signs



# Typical Advance Warning Signs

TWO LANE, TWO WAY WORK ZONE (L-LINES)		SHEET NO. TCP -											
	<p style="text-align: center;">STATE OF NORTH CAROLINA DEPT. OF TRANSPORTATION DIVISION OF HIGHWAYS RALEIGH, N.C.</p>												
<p style="text-align: center;"><b>INTERSECTIONS</b></p>		<p><b>DETAIL DRAWING FOR TWO-WAY UNDIVIDED WORK ZONE WARNING SIGNS</b></p>											
<p style="text-align: center;"><b>GENERAL NOTES</b></p> <p>THESE SIGNS ARE FOR STATIONARY WORK ZONES THAT REMAIN IN PLACE MORE THAN 3 DAYS DO NOT INSTALL ADVANCE WARNING SIGNS MORE THAN 3 DAYS PRIOR TO BEGINNING OF WORK. ALL WORK ZONE SIGN SHEETING TO BE FLUORESCENT ORANGE (TYPE VII OR IX)</p> <div style="display: flex; justify-content: space-between; align-items: flex-end;"> <div style="width: 40%;"> <p style="text-align: center;"><b>LEGEND</b></p> <p>— STATIONARY SIGN</p> <p>→ DIRECTION OF TRAFFIC FLOW</p> </div> <div style="width: 55%;"> <p style="text-align: center;">SHEET 1 OF 1</p> <p style="text-align: center;"><b>ADVANCE WARNING FOR 2 LANE 2 WAY ROADWAYS</b></p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th>APPROVED</th> <th>DATE</th> <th>REVISIONS</th> </tr> <tr> <td rowspan="4" style="text-align: center; vertical-align: middle;"> </td> <td>DATE</td> <td>REVISION</td> </tr> <tr> <td> </td> <td> </td> </tr> <tr> <td> </td> <td> </td> </tr> <tr> <td> </td> <td> </td> </tr> </table> </div> </div>			APPROVED	DATE	REVISIONS		DATE	REVISION					
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# Inactive Work Zones

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- **To Cover or Not to Cover**
- **Signs Must be Covered if Work Zone is Inactive for 1 Week**
- **Don't Blame the Sign!!!**



# Speeding in Work Zones

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- Is Reducing the Work Zone Speed Really the Answer??
- You have to have an Ordinance!
- You have to have Compliance
- You have to have Enforcement
- You have to have Prosecution

# Partnership with SCDOT

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- SCDOT and NCDOT are partnering through the Carolinas ATSSA Chapter
- Traffic Control Devices Committee
- Pavement Marking Committee

# Changes in Pavement Marking

- Surface Preparation
- Better Paint Spec
- Polyurea
- Hot Spray Thermo
- Meredith McDiarmid, P.E.



# Questions??????

